

# DEVICE AND METHOD FOR LYSING CELLS, SPORES, OR MICROORGANISMS

## ABSTRACT OF THE DISCLOSURE

A device for lysing components (e.g., cells, spores, or  
5 microorganisms) of a fluid sample comprises a cartridge having a  
lysing chamber for receiving the sample and having at least one  
solid phase in the lysing chamber for capturing the sample  
components to be lysed. An ultrasonic transducer is coupled to a  
wall of the lysing chamber to transfer ultrasonic energy to the  
10 captured sample components.

10006343-10304